PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Sofia Patricia Becerra, Luigi Notari, Jorge

Laborda and Julio Escribano Martinez

Application No.: 10/566,540

Filing Date: October 16, 2006

For: PEDF-R RECEPTOR AND USES

Confirmation No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

DATE OF DEPOSIT: January 18, 2007

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

TYPED NAME: Andrew T. Serafini

REGISTRATION NO.: 41,303

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

冈 In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified

	application, within three months of the date of entry into the national stage of
	the above identified application as set forth in § 1.491, before the mailing date
	of a first Office Action on the merits of the above-identified application, or
	before the mailing date of a first Office Action after the filing of request for
	continued examination under § 1.114, no additional fee is required.
	In accordance with § 1.97(c), this Information Disclosure Statement is being
	filed after the period set forth in § 1.97(b) above but before the mailing date of
	either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or
	before an action that otherwise closes prosecution in the application, therefore:
	Certification in Accordance with § 1.97(e) is attached; or
	The fee of \$180.00 as set forth in § 1.17(p) is attached.
	In accordance with § 1.97(d), this Information Disclosure Statement is being
	filed after the mailing date of either a Final Action under § 1.113 or a Notice
	of Allowance under § 1.311 but before, or simultaneously with, the payment
	of the Issue Fee, therefore included are: Certification in Accordance with §
	1.97(e); and the submission fee of <u>\$180.00</u> as set forth in § 1.17(p).
\boxtimes	Copies of reference numbers 1 - 257 and 344 - 377 listed on the attached
	Form PTO-1449 are enclosed herewith.
\boxtimes	Copies of reference numbers 258 - 343 on the attached Form PTO 1449 are
	not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).
	Copies of references - are not being submitted because
	they were previously cited by or submitted to the U.S. Patent and
	Trademark Office in patent application number , filed for

DOCKET NO.: NIHA-0238 / E-314-2003/2-US-02 - 3 -

PATENT

which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

The relevance of those listed references which are not in the English language is as follows:

There are no listed references which are not in the English language.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date: January 18, 2007

Andrew T. Serafini

Registration No. 41,303

WOODCOCK WASHBURN LLP One Liberty Place - 46th Floor

Philadelphia, PA 19103 Telephone: (215) 568-3100 Facsimile: (215) 568-3439

© 2007 WW



		Daylor No	
Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540
		Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez	
	nent of Commerce Frademark Office	Filing Date January 31, 2006	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
NON-PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date	, Pertinent Pages, Etc.)
1	Biol., 1991, 3(1), 71-81		into Rat Heart in Vivo," New
2	Agid, "Parkinson's disea	se: pathophysiology," The L	ancet, 1991, 337, 1321-1324
3	Alberdi, E.M. et al., "Glycosaminoglycans in human retinoblastoma cells: heparin sulfate, a modulator of the pigment epithelium-derived factor-receptor interactions," <i>BMC Biochemistry</i> , 2003 , <i>4</i> , 1-9		
. 4	Alberdi, E. et al., "Binding of pigment epithelium-derived factor (PEDF) to retinoblastoma cells and cerebellar granule neurons," <i>J. Biol. Chem.</i> , 1999 , 274(44), 31605-31612		
5	Alberdi, E. et al., "Pigment epithelium-derived factor (PEDF) binds to glycosaminoglycans: analysis of the binding site," <i>Biochemistry</i> , 1998 , <i>37</i> , 10643-10652		
6	Al-Mashikhi et al., "Separation of Immunoglobulin and Transferrin from Blood Serum and Plasma by Metal Chelate Interaction Chromatography," <i>J. Dairy Sci.</i> , 1988 , 71, 1756-1763		
7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
8	i C /		
9	Anderson, W.F. et al., "I	Human gene therapy," Science	ce, 1992 , <i>256</i> , 808-813
10	Aplin et al., "Preparation, Properties and Applications of Carbohydrate Conjugates of Proteins and Lipids," CRC Crit. Rev. Biochem., 1981, 259-306		
11	Aruffo et al., "CD44 Is the Principal Cell Surface Receptor for Hyaluronate," Cell, 1990, 61, 1303-1313		
12	Ashkenazi, A. et al., "Protection against endotoxic shock by a tumor necrosis factor receptor immunoadhesin," <i>Proc. Natl. Acad. Sci. USA</i> , 1991 , 88, 10535-10539		
13	Aymerich, M.S., et al., Evidence for pigment epithelium-derived factor receptors in the neural retina," <i>Investigative Ophthalmology & Visual Science</i> , 2001 , <i>42(13)</i> , 3287-3293		
14	Ballance et al., "Transformation of Aspergillus Nidulans by the Orotidine-5'- Phosphate Decarboxylase Gene of Neurospora Crassa," Biochem. Biophys. Res. Commun., 1983, 112(1), 284-289		

EXAMINER	DATE CONSIDERED
	© 2006 WW

	-1449 Modified	Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez	
	nent of Commerce Frademark Office	Filing Date January 31, 2006	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
NON-PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date,	Pertinent Pages, Etc.)
15	dietary- and obesity-link Biol. Chem., 2001, 276(3	ed mRNA specifically express (6), 33336-33344	rotein corresponding to a novel ssed in the adipose lineage," <i>J</i> .
16	Baum, "Solid-phase synt	hesis of benzodiazepines," C	C&EN, 1993, page 33-35
. 17	Schizosaccharomyces po	nency transformation of the finbe," Nature, 1981, 290, 14	0-142
. 18	natriuretic peptide recept	tracellular domain-IgG fusion proteins for three human tors," J. Biol. Chem., 1991, 266(34), 23060-23067	
19	Benton et al., "Screening Plaques in situ," Science		
20	Bernstein et al., "The rest is silence," RNA, 2001, 7, 1509-1521		
21			
22	interference," Nature, 2001, 409, 363-366		
23	Bilak, M.M. et al., "Identification of the neuroprotective molecular region of pigment epithelium-derived factor and its binding sites on motor neurons," <i>J. Neuroscience</i> , 2002, 22(21), 9378-9386		
24	Bilak et al., "Pigment Epithelium-derived Factor (PEDF) Protects Motor Neurons from Chronic Glutamate-mediated Neurodegeneration," J. Neuropathol Exp. Neurol., 1999, 58(7), 719-728		
25	Billy, E. et al., "Specific interference with gene expression induced by long, double-stranded RNA in mouse embryonal teratocarcinoma cell lines," <i>Proc. Natl. Acad. Sci. USA</i> , 2001 , <i>98</i> (25), 14428-14433		
26	Bloeman et al., "Adhesion molecules: a new target for immunoliposome-mediated drugn delivery," <i>FEBS Lett.</i> , 1995 , <i>357</i> , 140-144 Bowie, J.U. et al., "Deciphering the message in protein sequences: tolerance to amino acid substitutions," <i>Science</i> , 1994 , <i>247</i> , 1306-1310		
27			
28	Bradley, A., "Production and analysis of chimaeric mice," <u>Teratocarcinomas and Embryonic Stem Cells: A Practical Approach</u> , Robertson, E.J. (Ed.), <i>IRL, Oxford</i> , 1987 , <i>Chapter</i> 5, 113-151		
Brinster, R.L. et al., "Introns increase transcriptional efficiency in transge Proc. Natl. Acad. Sci. USA, 1988, 85, 836-840			efficiency in transgenic mice,"

EXAMINER	DATE CONSIDERED
	@ 2007 MAN

Form PTO-1449 Modified		Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540	
Cited by Applican	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez	
U.S. Department of Cor Patent and Trademark		Filing Date January 31, 2006	Group Not Yet Assigned	
		Confirmation No. Not Yet Assigned		
NON-PATENT DOC	CUMENTS (Inc	luding Author, Title, Date,	Pertinent Pages, Etc.)	
		of superoxide dismutase to p J. Physiol., 1995, 1233, L37	ulmonary epithelium via pH- 4-L380	
31 Brüggerr	nann et al., "Des	signer Mice: The Production c Animals," Year in Immuno	of Human Antibody	
32 Brutlag, CABIOS.	et al., "Improved 1990, 6, 237	d sensitivity of biological sec	quence database searches,"	
667-670		properties of a CD4 immunoadhesin," Nature, 1990, 344,		
Condens			nonate Ester Synthesis Using a Modified Mitsunobu Chem., 1994, 59, 658-660	
35 Canaani, transduct 79, 5166	Canaani, D. et al., "Regulated expression of human interferon β ₁ gene after transduction into cultured mouse and rabbit cells," <i>Proc. Natl. Acad. Sci. USA</i> , 1982 , 79, 5166-5170			
RNAs in 98(17), 9	invertebrate and 742-9747	d vertebrate systems," <i>Proc.</i>		
337, 525	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Accessio	n No. AK03160	9, September 2, 2005	nale testis cDNA," GenBank	
Carninci, P. et al., "Unnamed protein produc [N No. BAC27476, September 2, 2005				
therapy,"	therapy," <i>Proc. Natl. Acad. Sci. USA</i> , 1992 , <i>89</i> , 4285-4289 41 Carthew et al., "Gene silencing by double-stranded RNA," <i>Curr. Opin. Cell Biol.</i> , 2001 , <i>13</i> , 244-248		ead. Sci. USA, 1992, 89, 4285-4289	
2001, 13				
plasmid]	DNA," Proc. Na	tl. Acad. Sci. USA, 1979, 76		
dihydrofe	olate reductase,"	ic expression in E. coli of a DNA sequence coding for mouse "Nature, 1978, 275, 615-624		
Mouse H	epatocytes follo	n of the Human Hepatitis De wing Intravenous Injection of 01, 75(7), 3469-3473	Ita Virus Genome Is Initiated in of Naked DNA or RNA	

EXAMINER	,	DATE CONSIDERED
L	 	© 2006 WW

	-1449 Modified	Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540
Cited b	t and Publications by Applicant sheets if necessary)	Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez	
	nent of Commerce Frademark Office	Filing Date January 31, 2006	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
NON-PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date,	Pertinent Pages, Etc.)
45	Validation of Combinator Chem. Soc., 1994, 116, 2	s' Organic Synthesis of Smal orial Chemistry in Small-Mol 1661-2662	ecule Synthesis," J. Amer.
. 46	Cho et al., "An Unnatura	l Biopolymer," Science, 1993	3 , <i>261</i> , 1303-1305
. 47	Immunoglobulins," J. M.	al Structures for the Hypervar ol. <i>Biol.</i> , 1987 , <i>196</i> , 901-917	
48	1991 , <i>352</i> , 624-628		nage display libraries," Nature,
49	 Clark-Curtiss et al., "Analysis of Recombinant DNA Using Escherichia coli Minicells," Methods in Enzymology, 1983, 101, 347-362 Cohen et al., "Interaction of Human α-1-Antitrypsin with Porcine Trypsin," Biochemistry, 1978, 17(3), 392-400 Colley, K.J. et al., "Conversion of a golgi apparatus sialyltransferase to a secretory protein by replacement of the NH₂-terminal signal anchor with a signal peptide," J. Biol. Chem., 1989, 264(30), 17619-17622 Creighton, T.E. et al., Proteins: Structure and Molecular Properties, W.H. Freeman & Co., San Francisco, 1993, 2nd edition, 49-104 Crooke, S.T. et al. (Eds.), "Antisense research and applications," Clinical Chem., 1993, 39(4), 718-719 		
50			
51			
52			
53			
54	Dagle, J.M. et al., "Physical properties of oligonucleotides containing phosphoramidate-modified internucleoside linkages," <i>Nucleic Acids Res.</i> , 1991 , 19(8), 1805-1810		
55	lac promoters," Proc. Natl. Acad. Sci. USA, 1983, 80, 21-25 DeCoster, M. et al., "Neuroprotection by Pigment Epithelial-Derived Factor Against Glutamate Toxicity in Developing Primary Hippocampal Neurons," J. Neurosci. Res., 1999, 56, 604-610		
56			
57	DNA," J. Bacteriol., 198	33 , <i>154(2)</i> , <i>737-742</i>	comyces lactis by killer plasmid
58	DeWitt, S.H. et al., "Div chemical diversity," Pro-	versomers": an approach to nonpeptide, nonoligomeric oc. Natl. Acad. Sci. USA, 1993, 90, 6909-6913	
59	Dobeli, J. et al., "Role of	f the carboxy-terminal sequer on (IFN-γ)," <i>J Biotechnology</i> ,	nce on the biological activity of

EXAMINER	DATE CONSIDERED
	2006 NAV

Form PTO-1449 Modif	E-314-2003/2-US-02	Application No. 10/566,540	
List of Patent and Publication Cited by Applicant (Use several sheets if necessary)	Applicant Sofia Patricia Becerra,	Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez	
U.S. Department of Comme Patent and Trademark Office		Group Not Yet Assigned	
	Confirmation No. Not Yet Assigned		
NON-PATENT DOCUM	ENTS (Including Author, Title,	Date, Pertinent Pages, Etc.)	
CABIOS, 199	, <i>12(6)</i> , 507-510	or pairwise sequence alignments,"	
61 Duksin, D. et homologues of	I., "Relationship of the structure as tunicamycin," J. Biol. Chem., 19		
Biotechnology	l., "Gene therapy for cardiovascul 1993, 11, 205-210		
Anal, Biochen	., 1981 , <i>118</i> , 131-137	y Trifluoromethanesulfonic Acid,"	
cultured mam	nalian cells," Nature, 2001, 411, 4		
Oncogene Pro	Oncogene Product," Molecular & Cellular Biology, 1985, 5(12), 3610-3616		
Human Bronchial Epithelial Cells Induces c-fos and Stimulates the cGMP Pathwa Am. J. Resp. Cell and Mol. Biol., 1994, 11, 159-164			
67 Field et al., "Purification of a RAS-Responsive Adenylyl Cyclase Complex from Saccharomyces cerevisiae by Use of an Epitope Addition Method," Mol. Cell. Biol. 1988, 8(5), 2159-2165			
68 Fiers, W. et al., "Complete nucleotide sequence of SV40 DNA," <i>Nature</i> , 1978, 113-120			
synthesis," Sc	et al., "Light-directed, spatially ad ence, 1991, 251, 767-773		
70 Fountoulakis et al., "Interferon γ Receptor Extracellular Domain Expressed as IgG Fusion Protein in Chinese Hamster Ovary Cells: Purification, Biochemical Characterization, and Stoichiometry or Binding," Biochem., 1995, 270(8), 3958-29			
conditions of 44(19), 6031-	conditions of cellulose paper discs as segmental solid supports," <i>Tetrahedron</i> , 1988 , 44(19), 6031-6040		
mixtures," Int	General method for rapid synthesis J. Pept. Prot. Res., 1991, 37, 487	-493	
agent for use	vith bismuth radionuclides," Nucl.	macrocyclic bifuntional chelating Med. Biol., 2001, 28, 409-418	
	Gascoigne, N.R.J. et al., "Secretion of a chimeric T-cell receptor-immunoglobulin protein," <i>Proc. Natl. Acad. Sci. USA</i> , 1987 , <i>84</i> , 2936-2940		
EXAMINER	DATE CONSI	DERED © 2006 HOW	

	-1449 Modified	Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540
Cited b	t and Publications by Applicant sheets if necessary)	Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez	
	nent of Commerce Frademark Office	Filing Date January 31, 2006	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
NON-PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date	, Pertinent Pages, Etc.)
75	Anti-Angiogenic and Ne 383, 1677-1682	urite Outgrowth Promoting 1	PEDF), a Serpin with Potent Properties," Biol. Chem., 2002,
76	a resolution of a single at 3998-4002	mino acid," Proc. Natl. Acad	
77	Immun. Meth., 1987, 102	ategies for epitope analysis to 2, 259-274	
78			
79	79 Gish, W. et al., "Identification search," Nature Genetics, 19 80 Goeddel, D.V. et al., "Direct		
80			irect expression in Eschericia coli of a DNA sequence h hormone," Nature, 1979, 281, 544-548
81 Goeddel, D.V. et al., "Synt Acids Res., 1980, 8(18), 40		4057-4074	interferon by E. coli," Nucleic
82			
83			
84	 Gray et al., "Expression of human immune interferon cDNA in E. coli and mor cells," Nature, 1982, 295, 503-508 Greenaway et al., "Human cytomegalovirus DNA: BamHI, EcoRI and PstI rest endonuclease cleavage maps," Gene, 1982, 18, 355-360 		
85			60
86	Antibody Expressed in E	Ischerichia coli," J. Immuno	
87	DNAs that contain a special 3961-3965	lony hybridization: a method cific gene," <i>Proc. Natl. Acad</i>	I. Sci. USA, 1975 , 72(10),
88	Gubler et al., "A simple a Gene, 1983, 25, 263-269		r generating cDNA libraries,"

EXAMINER	DATE CONSIDERED
	© 2006 WW

Form 1	РТО	-1449 Modified	Docket No. NIHA-0238 / E-314-2003/2-US	-02	Application No. 10/566,540
C	List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez		
			Filing Date January 31, 2006		Group Not Yet Assigned
			Confirmation No. Not Yet Assigned	I	
NON-	PATI	ENT DOCUMENTS (Inc	luding Author, Ti	tle, Date,	Pertinent Pages, Etc.)
	 Günthard et al., "Comparative Performance of High-Density Oligonucleotide Sequencing and Dideoxynucleotide Sequencing of HIV Type 1 pol from Clinical Samples," AIDS Res. Hum. Retroviruses, 1998, 14(10), 869-876 Gupta, R. et al., "Prediction of N-glycosylation sites in human protein," 			V Type 1 <i>pol</i> from Clinical , 869-876 human protein,"	
	Internet on April 4, 2006				3 pages, downloaded from the
	91	J., 1986 , <i>5(7)</i> , 1567-1575	, ,		reptococcal protein G," EMBO
	92	Haase et al., "Detection of Virology, 1984, VII, 189-		ids by in S	itu Hybridization," Methods in
	93	Hacia, J.G. et al., "Two color hybridization analysis using high density oligonucleotide arrays and energy transfer dyes," <i>Nucleic Acids Res.</i> , 1998 , 26(16), 3865-3866			eic Acids Res., 1998 , 26(16),
	94	Amer. Chem. Soc., 1992,	114, 6568-6570		tive Peptide Backbone," J.
	95	Biochem. Biophys., 1987	, <i>259(1)</i> , 52-57		cosylation of Proteins," Arch.
	96	RNAi," Science, 2001, 2	93, 1146-1150		c and Biochemical Analyses of
	97	Hammond et al., "Post-T Nat. Ref. Genet., 2001, 2		e Silencing	g by Double-Stranded RNA,"
	98		An RNA-directed n		ediates post-transcriptional , 293-296
	99	Hansson et al., "Evolution Glutathione Transferases 276	n of Differential Su Probed by DNA S	ubstrate Sp huffling,"	J. Mol. Biol., 1999, 287, 265-
	100	76-82			rends Biotechnol., 1998, 16,
	101	After Fimbrial Transection	ons," J. Neurosci., i	1986 , <i>6(8)</i> ,	
	102	Hefti, "Neurotrophic Fac Neurobiol., 1994, 25, 14	tor Therapy for Ne 18-1435	rvous Syst	em Degenerative Diseases,"
	103		trategy: control of	gene expre 991, 6, 569	ssion by triplex-forming- 0-584
EVAMINED			DATE CO	-	

	Form PTO-1449 Modified List of Patent and Publications		Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540
Cit			Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez	
		ent of Commerce rademark Office	Filing Date January 31, 2006	Group Not Yet Assigned
			Confirmation No. Not Yet Assigned	
NON-P	ATI	ENT DOCUMENTS (Inc	eluding Author, Title, Date,	Pertinent Pages, Etc.)
]	104	Oligonucleotides," Ann.	Gene Expression by Triple NY Acad. Sci., 1992, 660, 27	-36
1	105	Proteins, 1993, 17, 49-61	ance Evaluation of Amino A	
	106	149-167	of Glycolytic Enzymes," J.	
		1987 , <i>132</i> , 133-150		e Growth Factor," J. Exp. Biol.,
	Hickman et al., "Gene Expression Following Direct Injection of DNA into Liver Hum. Gen. Ther., 1994, 5, 1477-1483			
	109	Higgins et al., "Using CLUSTAL for Multiple Sequence Alignments," Meth. Enzymol., 1996, 266, 383-402		
1	110	11.15		
	111	Hischberg et al., "Clonin novel phospholipase A,"	g, expression, purification ar <i>Eur. J. Biochem.</i> , 2001 , <i>268</i>	nd characterization of patatin, a , 5037-5044
		Hitzeman et al., "Isolatio Gene (PGK) by an Immu 12073-12080	n and Characterization of the mological Screening Technic	e Yeast 3-Phosphoglycerokinase que," J. Biol. Chem., 1980, 255,
		Accession No. X56789, 1	piens mRNA for unknown li May 5, 2005	
		Hofmann, K. et al., "MF C-35 A database of membrane spanning protein segments," Biol. Chem. Hoppe-Seyler, 1993, 374, http://www.ch.embnet.org/software/TMPRED_form.html , page 166, downloaded from the Internet on April 4, 2006, 1 page		
1	115	Holland et al., "Isolation and Identification of Yeast Messenger Ribonucleic Acids Coding for Enolase, Glyceraldehyde-3-phosphate Dehydrogenase, and Phosphoglycerate Kinase," <i>Biochemistry</i> , 1978 , <i>17(23)</i> , 4900-4907		
]	116		abodies': small bivalent and	bispecific antibody fragments,"
1	117	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
		,,		

Form 1	РТО	-1449 Modified	Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540
C	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez	
		nent of Commerce Trademark Office	Filing Date January 31, 2006	Group Not Yet Assigned
			Confirmation No. Not Yet Assigned	
NON-	PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date,	Pertinent Pages, Etc.)
	118		nstruction and Expression of Mol. Immunol., 1991, 28(9),	
	119	Hopp et al., "A Short Pol		Jseful for Recombinant Protein
-	120	Houenou, L. et al., "Pign Differentiation of Develo 506-514	nent Epithelium-Derived Fac oping Spinal Motor Neurons,	tor Promotes the Survival and "J. Comp. Neurol., 1999, 412,
	121	numbers of peptides: spe	al method for the rapid solid- ecificity of antigen-antibody i Proc. Natl. Acad. Sci. USA,	nteraction at the level of
	Houghten et al., "Generation and use of synthetic peptide combinatorial libraries f basic research and drug discovery," <i>Nature</i> , 1991 , <i>354</i> , 84-88			
	Hsu et al., "A Comparative Study of the Peroxidase-antiperoxidase Method and an Avidin-Biotin Complex Method for Studying Polypeptide Hormones with Radioimmunoassay Antibodies," Am. J. Clin. Path., 1980, 75, 734-738			otide Hormones with
	124	Huse, W.D. et al., "Gene	ration of a large combinatori re in phage lambda," Resear	al library of the
	125		ilic Adsoprtion of Immunogl Selective Immobilization and	obulins – Analysis of Purification," <i>Anal. Biochem.</i> ,
	126	Isaacs et al., "Role of Pro Perspect., 1993, 101 (Sup	ppl. 5), 27-34	cinogenesis," Environ. Health.
	Jakobovits, A. et al., "Analysis of homozygous mutant chimeric mice: deletion of the immunoglobulin heavy-chain joining region blocks B-cell development and antibody production," <i>Proc. Natl. Acad. Sci. USA</i> , 1993, 90, 2551-2555			-cell development and antibody 551-2555
	Jakobovits et al., "Germ-line transmission and expression of a human-derived year artificial chromosome," <i>Nature</i> , 1993, 362, 255-258			
	129	determinants," CABIOS,		
	130	Continous Spectrophotor	metric Assay," Lipids, 2003,	
	131		he complementarity-determina mouse," Nature, 1986, 32	

Form PTO-1449 Modified		Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez	
	nent of Commerce Frademark Office	Filing Date January 31, 2006	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
NON-PAT	ENT DOCUMENTS (Inc	luding Author, Title, Date,	Pertinent Pages, Etc.)
132		ls for assessing the statistical ng general scoring schemes,"	
133	123-126		dies," FEBS Lett., 1994, 346,
. 134	nidulans," EMBO J., 198	35 , <i>4</i> (2), 475-479	the amdS gene of Aspergillus
	135 Kerr, J.F.R. et al., "Apoptosis: a basic biological phenomenon with wide-ranging implications in tissue kinetics," <i>Br. J. Cancer</i> , 1972, 26, 239-257		
	Kershaw, E.E. et al., "Adipose triglyceride lipase: function, regulation by insulin, and comparison with adiponutrin," 2006, Accession No. NP 473429, 2 pages		
137	Killion et al., "Systemic Targeting of Liposome-Encapsulated Immunomodulators to Macrophages for Treatment of Cancer Metastasis," <i>Immunomethods</i> , 1994 , <i>4</i> , 273-279		
138	specificity," Nature, 197:	5 , <i>256</i> , 495-497	secreting antibody of predefined
139	lines by cell fusion," Eur	. J. Immunol., 1976, 6, 511-5	
140	J. Immunol., 1992, 148, 1	1547-1553	the Use of Leucine Zippers,"
141	gene using high-density	sive polymorphisms observe oligonucleotide arrays," <i>Nat</i> .	Med., 1996, 2(7), 753-759
142	Kratchmarova et al., "A Proteomic Approach for Identification of Secreted Proteins during the Differentiation of 3T3-L1 Preadipocytes to Adipocytes," <i>Mol. Cell Proteomics</i> , 2002, 1, 213-222		
143	Kreitman, R.J. et al., "Immunotoxins for targeted cancer therapy," Adv. Drug Del. Rev., 1998, 31, 53-88		
144			
145	Embryonic Lethality," Co		
146	Liang, R. et al., "Parallel library," Science, 1996, 2	synthesis and screening of a 274, 1520-1522	solid phase carbohydrate

	-1449 Modified	Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez	
	U.S. Department of Commerce Patent and Trademark Office		Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
NON-PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date,	Pertinent Pages, Etc.)
147	Lindmark et al., "Binding	g of Immunoglobulins to Pro	tein A and Immunoglobulin
140	Levels in Mammalian Se	era," J. Immunol. Meth., 1983	: Accessory Implicated in New
148	Twist," Neuron., 1996, I		. Recessory improduced in recw
149	 Linsley et al., "Binding of the B Cell Activation Antigen B7 to CD28 Costimulates' Cell Proliferation and Interleukin 2 mRNA Accumulation," J. Exp. Med., 1991, 173 721-730 Linsley et al., "CTLA-4 Is a Second Receptor for the B Cell Activation Antigen B7, J. Exp. Med., 1991, 174, 561-569 Liu et al., "Hydrodynamics-based transfection in animals by systemic administration of plasmid DNA," Gene Ther., 1999, 6, 1258-1266 		
-			
151			
152			
153	Luckow, V.A. et al., "Tro Bio/Technology, 1988, 6	ends in the development of b , 47-55	aculovirus expression vectors,"
	Lutz-Freyermuth, C. et al., "Quantitative determination that one of two potential RNA-binding domains of the A protein component of the U1 small nuclear ribonucleoprotein complex binds with high affinity to stem-loop II of U1 RNA," <i>Proc. Natl. Acad. Sci. USA</i> , 1990, 87, 6393-6397		
155	Maeda, S. et al., "Productivector," <i>Nature</i> , 1985, 32	tion of human α-interferon in 15, 592-594	n silkworm using a baculovirus
156	Bioassays, 1992, 14(12),	807-815	to Artificial Gene Repressors?"
157	by Chain Shuffling," Bio	/Technology, 1992 , 10, 779-	gh Affinity Human Antibodies 783
158	Marks et al., "By-passing Immunization: Human Antibodies from V-gene Librar Displayed on Phage," J. Mol. Biol., 1991, 222, 581-597		
159	Cloned and Expressed in	Vaccinia Virus," Biotechniq	
160	Marsden, "Review Artic	le: Parkinson's Disease," Lan	acet, 1990 , 335, 948-952
161	Martin et al., "GAP Dom Muscarinic Atrial K ⁺ Ch	nains Responsible for Ras p2 annel Currents," <i>Science</i> , 25 :	1-Dependent Inhibition of 5, 192-194

EXAMINER	DATE CONSIDERED
	DITE COLUMNIE

	-1449 Modified	Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540
Cited b	t and Publications by Applicant sheets if necessary)	Applicant Sofia Patricia Becerra, Luig Julio Escribano Martinez	gi Notari, Jorge Laborda and
	nent of Commerce Frademark Office	Filing Date January 31, 2006	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
NON-PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date,	Pertinent Pages, Etc.)
162	Martin et al., "Efficient I	Neutralization and Disruption n Molecules," <i>J. Virol.</i> , 1993	of Rhinovirus by Chimeric
163		ner Synthesis on Polypropyle	ne Supports: Oligonucleotide
164		ith gene expression," Science, 2000, 288, 1370-1372	
165	McCafferty, J. et al., "Ph variable domains," Natur	nage antibodies: filamentous re, 1990, 348, 552-554	phage displaying antibody
. 166	McCaffrey et al., "RNA	interference in adult mice," Nature, 2002, 418, 38-39	
167	 McCaffrey et al., "Determinants of Hepatitis C Translational Initiation in Vitro Cultured Cells and Mice," Mol. Ther., 2002, 5(6), 676-684 Merrifield, "Solid Phase Peptide Synthesis; I. The Synthesis of a Tetrapeptide," Am. Chem. Soc., 1963, 85, 2149-2154 		
168			
169	derived factor," J. Biol. (Chem., 2002 , <i>277(47)</i> , 45400	g site on pigment epithelium- -45407
170	170 Miller et al., "An Insect Baculovirus Host-Vector System for High-Level Exp of Foreign Genes," Genetic Engineering, Setlow, et al. (Eds.), Plenum Publis 1986, 8, 277-279		
171	<i>36(14)</i> , 1923-1937		Design," J. Med. Chem., 1993,
172	1983 , <i>305</i> , 537-539		mmunohistochemistry," Nature,
173	oligonucleotide arrays,"	ing effective antisense reager Nature Biotechnology, 1997,	<i>15</i> , 537-541
174	 Misteli et al., "Applications of the green fluorescent protein in cell biology and biotechnology," Nature Biotechnology, 1997, 15, 961-964 Montgomery et al., "Double stranded RNA as a mediator in sequence-specific genetic silencing and co-suppression," Trends in Genetics, 1998, 14(7), 255-25 		-964
175			etics, 1998, 14(7), 255-258
176	Competent Cells," J. of I	on in <i>Escherichia coli</i> : Cryo Bact., 1977 , <i>132(1)</i> , 349-351	
177	Morrison, S.L. et al., "Chimeric human antibody molecules: mouse antigen-bindir domains with human constant region domains," <i>Proc. Natl. Acad. Sci. USA</i> , 1984 , 81, 6851-6855		ecules: mouse antigen-binding . Natl. Acad. Sci. USA, 1984,

	EXAMINER	DATE CONSIDERED
1		2 2007 11817

Form PTO	-1449 Modified	Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540	
Cited b (Use several s	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		zi Notari, Jorge Laborda and	
	nent of Commerce Trademark Office	Filing Date January 31, 2006	Group Not Yet Assigned	
		Confirmation No. Not Yet Assigned		
NON-PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date,	Pertinent Pages, Etc.)	
178	1983 , <i>302</i> , 543-545		zed Bacillus subtilis," Nature,	
179	1980 , <i>209</i> , 1422-1427	ion of a Bacterial Gene in M		
180		uence-selective recognition of DNA by strand displacement ed polyamide," <i>Science</i> , 1991 , <i>254</i> , 1497-1500		
181	Nortredame et al., "T-Co	ffee: A Novel Method for Fa	st and Accurate Multiple	
182			de variety of receptors to	
183		d. Chem., 1995, 270(25),15175-15180 ne Encapsulated in Malaria-Infected Erythrocyte-Specific		
183	Antibody-Bearing Lipose	omes Effectively Controls Clections in Mice," Antimicrob.	nloroquine-Resistant	
184		alian cell transient expression Protein Engineering, 1990, 30		
185	Paddison et al., "Short ha		e sequence-specific silencing in	
186	Paddison, P.J. et al., "Sta	able suppression of gene expression by RNAi in mammalian Sci. USA, 2002, 99(3), 1443-1448		
187		of interferon by Bacillus subtilis," Gene, 1983, 22, 229-235		
188	TNF-a-Induced Angiogen	61, the Ligand for the Eck R nesis," Science, 1995, 268, 5	67-569	
189	Patten et al., "Application Curr. Opinion Biotechno	ns of DNA shuffling to pharmal., 1997 , <i>8</i> , 724-733	naceuticals and vaccines,"	
190			. Natl. Acad. Sci. USA, 1981,	
191	Pearson, W.R. et al., "Im Natl. Acad. Sci. USA, 198	proved tools for biological se 88, 85, 2444-2448	equence comparison," Proc.	
192	Peppel et al., "A Tumor l	Necrosis Factor (TNF) Recep	otor-IgG Heavy Chain Chimeric Exp. Med., 1991, 174, 1483-	

EXAMINER	DATE CONSIDERED
	0.004 1171

	-1449 Modified	Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540
Cited b	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		gi Notari, Jorge Laborda and
	nent of Commerce Frademark Office	Filing Date January 31, 2006	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
NON-PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date,	Pertinent Pages, Etc.)
193		erpin superfamily of proteins "J. Biol. Chem., 1994, 269(2	
194		o transport-secretion protein	[Rattus norvegicus]," GenBank
195	Presta, "Antibody engine	eering," Curr. Op. Struct. Biol., 1992, 2, 593-596	
196	Presta et al., "Humanizat 151, 2623-2632	ion of an Antibody Directed	Against IgE," J. Immnol., 1993,
197	197 Ranade, "Drug Delivery Systems; 1. Site-Specific Drug Delivery Using Liposo as Carriers," J. Clin. Pharmacol., 1989, 29, 685-694		
198	 198 "Rattus norvegicus similar to RIKEN cDna 0610039C21 (LOC361676)," Ger Accession No. XM_341960, October 23, 2005 199 Reichmann et al., "Reshaping human antibodies for therapy," Nature, 1988, 3 323-329 		
199			
200	Reyes et al., "Expression thymidine kinase promot	of human β-interferon cDN er from herpes simplex virus	A under the control of a s," <i>Nature</i> , 1982 , <i>297</i> , 598-601
201		ion and Activity of IgE Rece 1991, 115, Abstract 1448	ptor Alpha Chain-IgG
202			
203 Rodrigues et al., "Engineering a Humanized E Improved Binding to T Cells," Int. J. Cancer.			
204	Ron et al., "Expression of Biologically Active Recombinant Keratinocyte Growth Factor," <i>Biol. Chem.</i> , 1993 , <i>268(4)</i> , 2984-2988		binant Keratinocyte Growth
205	Rossant et al., "Genome Manipulation in Embryonic Stem Cells," <i>Philos. Trans. R. Scoc. Lond. Biol.</i> , 1993 , <i>339</i> , 207-215		
206	Rubin, E.M. et al., "Expression of human apolipoprotein A-I in transgenic mice results in reduced plasma levels of murine apolipoprotein A-I and the appearance of two new high density lipoprotein size subclasses," <i>Proc. Natl. Acad. Sci. USA</i> , 1991, 88, 434-438		

	-1449 Modified	Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540
Cited b	t and Publications by Applicant sheets if necessary)	Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez	
	nent of Commerce Frademark Office	Filing Date January 31, 2006	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
NON-PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date,	Pertinent Pages, Etc.)
207	Rubin et al., "Inhibition of apolipoprotein AI," Natu	of early atherogenesis in transer, 1991, 353, 265-267	sgenic mice by human
208		l Structure, Mutagenesis, and ydrolase with a Ser-Asp Cat	d Activity Studies Reveal that alytic Dyad," Biochemistry,
209	O9 Sanghvi (Ed.), "Heterocyclic base modifications in nucleic acids and their applications in antisense oligonucleotides," Antisense Research and Application CRC Press, 1993, Chapter 15, 273-288		
210	Schall et al., "Molecular Necrosis Factor," Cell, 1		Receptor for Human Tumor
211	Schreier, H. et al., "Targeting of liposomes to cells expressing CD4 using glycosylphosphatidylinositol-anchored gp120," J. Biol. Chem., 1994, 20 9090-9098		
212		encodes a phospholipids-lin CD2," <i>Nature</i> , 1989 , <i>329</i> , 84	
213	Shalaby et al., "Develope Cytotoxic Lymphocytes J. Exp. Med., 1992, 175,		ic Antibodies Reactive with sing the HER2 Protooncogene,"
214			
215	Promoters," Cell, 1980, 20, 269-281		
216			
217 Sims et al., "A Humanized CD18 Antibody Can Block Fund Destruction," J. Immunol., 1993, 151, 2296-2308		k Function without Cell	
218	218 Singer et al., "Optimization Detection Methods," Bio		Ising Isotopic and Non-Isotopic 250

EXAMINER	DATE CONSIDERED

	-1449 Modified	Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540	
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez		
	nent of Commerce Frademark Office	Filing Date January 31, 2006	Group Not Yet Assigned	
		Confirmation No. Not Yet Assigned		
NON-PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date	Pertinent Pages, Etc.)	
219	Skinner et al., "Use of the the Catalytic Domain of Biol. Chem., 1991, 266(2)	Normal and Mutant ras GTF	Epitope for Rapid Purification of Pase-activating Proteins," J.	
220		level expression of heterologies. Basic Microbiol., 1988, 28,	gous proteins in methylotrophic 265-278	
221				
222	Strausberg, R.L. et al., "Homo sapiens patatin-like phospholipase domain containing 2," GenBank Accession No. BC017280, September 15, 2004			
223	Strejan et al., "Suppression of Chronic-Relapsing Experimental Allergic Encephalomyelitis in Strain-13 Guinea Pigs by Administration of Liposome-Associated Myelin Basic Protein," J. Neuroimmunol., 1984, 7, 27-41			
224		ector-based RNAi technolog Natl. Acad. Sci. USA, 2002,	y to suppress gene expression in 99(8), 5515-5520	
225	Suresh et al., "Bispecific Methods in Enzymology,	Monoclonal Antibodies from 1986, 121, 210	n Hybrid Hybridomas,"	
226	Sutcliffe et al., "Antibod Science, 1983, 219, 660-	ies that React with Predetern 666	nined Sites on Proteins,"	
227	7 Tilburn et al., "Transformation by integration in Aspergillus nidulans," Gene, 1983 26, 205-221			
228	Tink et al., "PEDF: A Multifaceted Neruotrophic Factor," Nature Reviews Neuroscience, 2003, 4, 628-636			
229	60(4), 1284-1335		" Annu. Rev. Physiol., 1980,	
230	transferred to nitrocellule		USA, 1980 , <i>77(9)</i> , 5201-5205	
231	Thomas, K.R. et al., "Site-directed mutagenesis by gene targeting in mouse embryoderived stem cells," <i>Cell</i> , 1987 , <i>51</i> , 503-512			

EXAMINER DATE CONSIDERED	
--------------------------	--

Form PT	O-1449 Modified	Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540	
Cited	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		igi Notari, Jorge Laborda and	
	tment of Commerce Trademark Office	Filing Date January 31, 2006	Group Not Yet Assigned	
		Confirmation No. Not Yet Assigned		
NON-PA	TENT DOCUMENTS (In	cluding Author, Title, Dat	e, Pertinent Pages, Etc.)	
23:	Thompson, J.D. et al., "on multiple sequence alignment penalties and weight ma	CLUSTAL W: improving the ment through sequence weight rtrix choice," Nucleic Acids	ne sensitivity of progressive ghting, position-specific gap Res., 1994, 22(22), 4673-4680 ycoproteins," Meth. Enzymol.,	
234	- 1		ze human immunodefiency virus	
23:		ecific single chain molecule ected cells," <i>EMBO J.</i> , 199	s (Janusins) target cytotoxic	
230	41 0004			
23'	Rev., 1990, 90, 543-584			
238	Marker," Biochem. Biophys. Res. Commun., 1988, 153(3), 1038-1044			
239	Vaughan et al., "Human Antibodies with Sub-nanomolar Affinities Isolated from a Large Non-immunized Phage Display Library," Nature Biotechnology, 1996, 14, 309-314			
240	activiety," Science, 1988	eshaping human antibodies 3, <i>239</i> , 1534-1536		
24	Proceedings: Biological	Birds from Transformed Pr Science, 1993, 251, 179-18	2	
243	cells," Proc. Natl. Acad.	Sci. USA, 1990, 87, 3410-3	s as carriers for DNA uptake into	
24:	variable domains secrete	ng activities of a repertoire ed from Escherichia coli," N	<i>lature</i> , 1989 , <i>341</i> , 544-546	
244	making large phage antibody repertoires," Nuc. Acids. Res., 1993, 21(9), 2265-2266			
24:	Lymph Node High Endo	Lymph Node High Endothelial Venules," J. Cell. Biol., 1990, 110, 2221-2229		
240	soluble homing receptor	utrophil influx into an inflar -IgG chimaera," <i>Nature</i> , 19	91 , <i>349</i> , 164-167	
24	Wexler et al., "Molecular Approaches to Hereditary Diseases of the Nervous System: Huntington's Disease as a Paradigm," Ann. Rev. Neurosci., 1991, 14, 503-529			
EXAMINER		DATE CONSIDE	RED	

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Docket No. NIHA-0238 / E-314-2003/2-US-02	Application No. 10/566,540
		Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez	
	nent of Commerce Frademark Office	Filing Date January 31, 2006	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
NON-PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date,	Pertinent Pages, Etc.)
248	Wilson et al., "The Structure of an Antigenic Determinant in a Protein," Cell, 1984 37, 767-778		
249	Wolff, J.A. et al., "Direct gene transfer into mouse muscle in vivo," Science, 1990, 247, 1465-1468		
250	Wu, G.Y. et al., "Receptor-mediated <i>in vitro</i> gene transformation by a soluble DNA carrier system," J. Biol. Chem., 1987, 262(10), 4429-4432		
251	Yelton, M.M. et al., "Transformation of Aspergillus nidulans by using a trpC plasmid," Proc. Natl. Acad. Sci. USA, 1984, 81, 1470-1474		
252			
253			
254			
255			
256		els of Foreign Gene Expression Plasmid DNA," Hum. Gene	
257	Zoller M.J., et al., "Oligonucleotide-directed mutagenesis using M13-derived vectors: an efficient and general procedure for the production of point mutations in any fragment of DNA," <i>Nucleic Acids Res.</i> , 1982 , <i>10(20)</i> , 6487-6500		

EXAMINER	DATE CONSIDERED
	@ 2006 NAV

Docket No. Application No. Form PTO-1449 Modified NIHA-238 / 10/566,540 E-314-2003/2-US-02 List of Patent and Publications **Applicant** Cited by Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda (Use several sheets if necessary) and Julio Escribano Martinez U.S. Department of Commerce Filing Date Group Patent and Trademark Office January 31, 2006 Not Yet Assigned Confirmation No.

Not Yet Assigned

Examiner Initial		Document No.	Date	Name	Class	Subclass
	258	3,691,016	09/12/72	Patel, et al.	195	68
	259	3,969,287	07/13/76	Jaworek, et al.	260	8
	260	4,115,538	09/19/78	Satoh, et al.	424	1
,	261	4,179,337	12/18/79	Davis, et al.	435	181
	262	4,195,128	03/25/80	Hildebrand, et al.	435	178
	263	4,229,537	10/21/80	Hodgins, et al.	435	177
	264	4,247,642	01/27/81	Hirohara, et al.	435	178
	265	4,275,149	06/23/81	Litman, et al.	435	7
	266	4,301,144	11/17/81	Iwashita, et al.	424	78
	267	4,330,440	05/18/82	Ayers, et al.	525	54.31
	268	4,376,110	03/08/83	David, et al.	436	513
<u> </u>	269	4,419,446	12/06/83	Howley, et al.	435	68
	270	4,439,196	03/27/84	Higuchi	604	890
	271	4,447,224	05/08/84	Decant, Jr., et al.	604	67
	272	4,447,233	05/08/84	Mayfield	604	152
	273	4,475,196	10/02/84	LaZor	371	29
	274	4,486,194	12/04/84	Ferrara	604	897
	275	4,487,603	12/11/84	Harris	604	152
	276	4,496,689	01/29/85	Mitra	525	54.1

EXAMINER	DATE CONSIDERED

Form PTO-1449 Modified

List of Patent and Publications Cited by Applicant (Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office Docket No. NIHA-238/

E-314-2003/2-US-02

Application No. 10/566,540

Applicant

Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez

Filing Date January 31, 2006 Group
Not Yet Assigned

Confirmation No. Not Yet Assigned

Examiner Initial		Document No.	Date	Name	Class	Subclass
	277	4,522,811	06/11/85	Eppstein, et al.	514	2
	278	4,596,556	06/24/86	Morrow, et al.	604	70
	279	4,601,978	07/22/86	Karin	435	68
	280	4,631,211	12/23/86	Houghten	428	35.5
	281	4,640,835	02/03/87	Shimizu, et al.	424	94
	282	4,670,417	06/02/87	Iwasaki, et al.	514	6
	283	4,673,641	06/16/87	George, et al.	435	68
	284	4,676,980	06/30/87	Segal, et al.	424	85
	285	4,683,195	07/28/87	Mullis, et al.	435	6
	286	4,683,202	07/28/87	Mullis	435	91
	287	4,736,866	04/12/88	Leder, et al.	800	1
	288	4,790,824	12/13/88	Morrow, et al.	604	143
="-	289	4,791,192	12/13/88	Nakagawa, et al.	530	399
	290	4,816,567	03/28/89	Cabilly, et al.	530	387
	291	4,870,009	09/26/89	Evans, et al.	435	70
	292	4,941,880	07/17/90	Burns	604	143
	293	4,943,529	07/24/90	Van den Berg, et al.	435	172.3
12	294	4,946,783	08/07/90	Beckwith, et al.	435	172.1
	295	5,010,175	04/23/91	Rutter, et al.	530	334
	296	5,034,506	07/23/91	Summerton, et al.	528	391

EXAMINER	DATE CONSIDERED

Form PTO-1449 Modified

List of Patent and Publications Cited by Applicant (Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office

Docket No. NIHA-238 /

E-314-2003/2-US-02

Application No. 10/566,540

Applicant

Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez

Filing Date

January 31, 2006

Group Not Yet Assigned

Confirmation No. Not Yet Assigned

Examiner Initial		Document No.	Date	Name	Class	Subclass
	297	5,064,413	11/12/91	McKinnon, et al.	604	70
	298	5,075,229	12/24/91	Hanson, et al.	435	172.3
	299	5,082,779	01/21/92	Rottman, et al.	435	172.3
	300	5,087,571	02/11/92	Leder, et al.	435	240.2
	301	5,116,964	05/26/92	Capon, et al.	536	27
	302	5,162,215	11/10/92	Bosselman, et al.	435	172.3
	303	5,175,383	12/29/92	Leder, et al.	800	2
	304	5,175,384	12/29/92	Krimpenfort, et al.	800	2
	305	5,175,385	12/29/92	Wagner, et al.	800	2
	306	5,288,514	02/22/94	Ellman	427	2
	307	5,312,335	05/17/94	McKinnon	604	72
	308	5,364,934	11/15/94	Drayna, et al.	536	23.2
	309	5,374,548	12/20/94	Caras	424	450
	310	5,383,851	01/24/95	McKinnon, Jr., et al.	604	68
	311	5,399,163	03/21/95	Peterson, et al.	604	68
	312	5,399,331	03/21/95	Loughrey, et al.	424	450
	313	5,416,016	05/16/95	Low, et al.	435	240.1
	314	5,436,128	07/25/95	Harpold, et al.	435	6
	315	5,506,337	04/09/96	Summerton, et al.	528	391
	316	5,519,134	05/21/96	Acevedo, et al.	544	243

EXAMINER	DATE CONSIDERED
	@ 2006 11/11/

Docket No. Application No. Form PTO-1449 Modified NIHA-238 / 10/566,540 E-314-2003/2-US-02 List of Patent and Publications **Applicant** Cited by Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda (Use several sheets if necessary) and Julio Escribano Martinez U.S. Department of Commerce Filing Date Group Patent and Trademark Office Not Yet Assigned January 31, 2006

Confirmation No. Not Yet Assigned

Examiner Initial		Document No.	Date	Name	Class	Subclass
	317	5,525,735	06/11/96	Gallop, et al.	548	533
	318	5,539,083	07/23/96	Cook, et al.	530	333
	319	5,549,974	08/27/96	Holmes	428	403
	320	5,569,588	10/29/96	Ashby, et al.	435	6
	321	5,593,853	01/14/97	Chen, et al.	435	29
	322	5,605,793	02/25/97	Stemmer	435	6
	323	5,672,510	09/30/97	Eglitis, et al.	435	325
	324	5,691,448	11/25/97	Baekkeskov, et al.	530	350
	325	5,811,238	09/22/98	Stemmer, et al.	435	6
-	326	5,834,252	11/10/98	Stemmer, et al.	435	91.1
	327	5,837,458	11/17/98	Minshull, et al.	435	6
	328	5,840,686	11/24/98	Chader, et al.	514	12
	329	5,846,945	12/08/98	McCormick	514	44
	330	5,922,687	07/13/99	Mann, et al.	514	44
	331	5,952,225	09/14/99	Pensiero, et al.	435	352
	332	5,985,847	11/16/99	Carson, et al.	514	44
	333	5,998,598	12/07/99	Csaky, et al.	536	23.4
	334	6,312,682 B1	11/06/01	Kingsman, et al.	424	93.2
,	335	6,235,522 B1	05/22/01	Kingsman, et al.	435	320.1
	336	6,319,687 B1	11/20/01	Chader, et al.	435	69.1

EXAMINER	DATE CONSIDERED
	@ 2006 1171/

Form PTO-1449 Modified

List of Patent and Publications Cited by Applicant (Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office

Docket No. NIHA-238 /

E-314-2003/2-US-02

Application No. 10/566,540

Applicant

Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez

Filing Date

January 31, 2006

Not Yet Assigned

Group Not Yet Assigned

Confirmation No.

Examiner Initial		Document No.	Date	Name	Class	Subclass
	337	6,392,858 B1	05/21/02	Boudaud	361	93.6
	338	6,403,769 B1	06/11/02	Larochelle, et al.	530	387.3
	339	6,406,697 B1	06/18/02	Capon, et al.	424	178.1
	340	6,451,763 B1	09/17/02	Tombran-Tink, et al.	514	12
	341	6,468,524 B1	10/22/02	Chiorini, et al.	424	93.21
	342	6,482,616 B1	11/19/02	Kovesdi, et al.	435	91.4
	343	6,566,119 B1	05/20/03	Heijnen, et al.	435	243

Γ	EXAMINER	DATE CONSIDERED
1	BIR RIVER VERY	

Docket No. Application No. 10/566,540 Form PTO-1449 Modified NIHA-238 / E-314-2003/2-US-02 List of Patent and Publications **Applicant** Cited by Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda (Use several sheets if necessary) and Julio Escribano Martinez U.S. Department of Commerce Filing Date Group Patent and Trademark Office January 31, 2006 Not Yet Assigned Confirmation No. Not Yet Assigned FOREIGN PATENT DOCUMENTS Translation Examiner

Exammer		Document No.	Date	Country	YES	NO
Initial		<u> </u>	-			NO
	344	WO 84/03506	09/13/84	PCT	X	
	345	WO 84/03564	09/13/84	PCT	X	
	346	WO 87/05330	09/11/87	PCT	X	
	347	WO 90/11092	10/04/90	PCT	X	
•	348	WO 91/00357	01/10/91	PCT	Abstract only	
	349	WO 91/00360	01/10/91	PCT	X	
	350	WO 91/08298	06/13/91	PCT	X	
	351	WO 91/19735	12/26/91	PCT	X	
	352	WO 92/00091	01/09/92	PCT	X	
	353	WO 92/20373	11/26/92	PCT	X	
	354	WO 93/08829	05/13/93	PCT	X	
	355	WO 93/20242	10/14/93	PCT	X	
	356	WO 94/04690	03/03/94	PCT	X	
	357	WO 94/12633	06/09/94	PCT	Х	
	358	WO 95/33480	12/14/95	PCT	X	
	359	WO 97/00271	01/03/97	PCT	X	
	360	WO 99/49029	09/30/99	PCT	X	
··	361	WO 99/53050	10/21/99	PCT	X	

EXAMINER	DATE CONSIDERED
	© 2006 WW

Form PTO-1449 Modified	Docket No. NIHA-238 / E-314-2003/2-US-02	Application No. 10/566,540	
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)	Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez		
U.S. Department of Commerce Patent and Trademark Office	Filing Date January 31, 2006	Group Not Yet Assigned	
	Confirmation No. Not Yet Assigned		

FOREIGN PATENT DOCUMENTS

Examiner					Transla	tion
Initial		Document No.	Date	Country	YES	NO
	362	WO 99/61601	12/02/99	PCT	X	
	363	WO 00/75164	12/14/00	PCT	X	
	364	WP 01/07628	02/01/01	PCT	X	
	365	WO 01/68836	09/20/01	PCT	X	
	366	WO 01/75164	10/11/01	PCT	X	
	367	0 139 383 A1	05/02/85	EP	X	
	368	0 036 776 B1	05/11/88	EP	X	
	369	0 394 827 A1	10/31/90	EP	X	_
	370	0 402 226 A1	12/12/90	EP	X	
	371	0 073 657 B1	12/27/90	EP	X	
	372	0 183 070 B1	10/09/91	EP	X	
	373	0 244 234 B2	07/21/93	EP	X	
	374	0 308 936 B1	07/06/94	EP	X	
	375	0 394 538 B1	10/16/96	EP	X	
	376	2,211,504 A	07/05/89	GB	X	
	377	10 324698 A	08/12/98	JP	X abstract	

EXAMINER	DATE CONSIDERED
EXAMINER	DITTE CONSIDERED